

United States of America
Department of Transportation—Federal Aviation Administration
Supplemental Type Certificate

Number **ST00589DE**

This certificate, issued to

**The National Science Foundation
4201 Wilson Boulevard
Arlington, Virginia 22230**

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 25 of the Federal Aviation Regulations.* * Certification Basis is set forth in Type Certificate Data Sheet A12EA.

Original Product Type Certificate Number: **A12EA**

Make: **Gulfstream**

Model: **G-V, S/N 677**

Description of the Type Design Change:

Installation of basic research equipment in accordance with NCAR Master Drawing List, Document Number MDL-200-05, revision A dated May 19, 2005, FAA approved October 12, 2005.

Limitations and Conditions:

1. A copy of this Certificate and FAA Approved Aircraft Flight Manual Supplement Number FMS-200-05, Rev Basic Issue, dated October 12, 2005, must be maintained as part of the permanent records for the modified aircraft.
2. Compatibility of this design change with previously approved modifications must be determined by the installer.
3. For Instructions for Continued Airworthiness refer NCAR Instructions for Continued Airworthiness, Document No. ICA-200-05, Revision IR dated September 7, 2005.
4. STC No. ST03056AT is a required installation for this STC.
5. This approval is limited to Gulfstream Model G-V, S/N 677 only.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: **February 15, 2005**

Date reissued:

Date of issuance: **October 12, 2005**

Date amended:



By direction of the Administrator

Melissa Sandow
Melissa Sandow (Signature)
Small Airplane Program Manager
Northwest Mountain Region
Denver Aircraft Certification Office
(Title)